## ANTIMICROBIAL-TREATED PAPER

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JP2001288697

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Inventor:

MITANI SEIJI

Applicant:

MARUZEN:KK

Classification:

- international:

D21H21/36; B65D65/02; B65D81/20

- european:

**Application number:** 

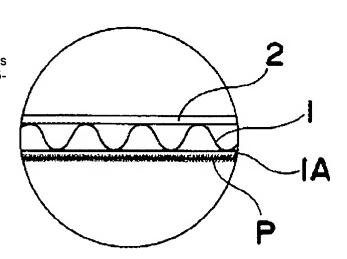
JP20000097159 20000331

Priority number(s):

## Abstract of JP2001288697

PROBLEM TO BE SOLVED: To provide an antimicrobial-treated paper having an extremely high safety, capable of maintaining excellent antibacterial and antifungal activities for a long period and capable of widely enhancing the antimicrobial activity of the antimicrobial-treated paper used in all of the fields such as in processed foods, clothes, medical materials, etc.

SOLUTION: This antimicrobial-treated paper is obtained by applying an aqueous solution of 5-10% antimicrobial agent P containing a hot water- extracted essence of a cereal, an alkyldimethylbenzalkonium chloride, lauryliminodipropionic acid and a polyoxypropylene glycol together with an acrylic binder on the surface of a paper material. Also, the antimicrobial agent P is applied on the surface of a coated cardboard paper or a chip cardboard paper.



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10. Processed antibacterial paper

**CAS SECTION-143** 

**CAS SUBSECTION-007** 

CAS 135-21 135-305424 135:305424 NDN- 213-0491-7938-9

INVENTOR(S)- Mitani, Kiyoshi

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PATENT TYPE- Jpn. Kokai Tokkyo Koho

PATENT ASSIGNEE(S)- Maruzen K. K.

INTERNATIONAL PATENT CLASS- D21H0213600; B65D0650200; B65D0812000

**SUBFILE CODE- MAC** 

LANGUAGE- Japan

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**NO-ABSTRACT** 

**IDENTIFIER(S)**- antibacterial agent cereal hot water extn; lauryliminodipropionic acid polyoxypropylene glycol antibacterial paper; paper antibacterial agent alkyldimethyl benzalkonium chloride

CAS REGISTRY/EC NUMBER(S)- 17066-08-9 HEADING PARENT- .beta.-Alanine --N-(2-carboxyethyl)-N-dodecyl-

CAS REGISTRY/EC NUMBER(S)- 25322-69-4 HEADING PARENT- PolyÝoxy(methyl-1,2-ethanediyl)" --.alpha.-hydro-.omega.-hydroxy-

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